

Successive FRDM enhancements

Optimization (1 \rightarrow 2)

The search for optimum FRDM macroscopic parameters has been improved.

Accuracy improvement: 0.01 MeV

New exp. mass data base (2 \rightarrow 3)

We agree better with the new mass data base

Accuracy improvement: 0.04 MeV

Full 4D energy minimization (3 \rightarrow 4)

Search for minimum energy versus $\epsilon_2, \epsilon_3, \epsilon_4, \epsilon_6$, full 4D in steps of 0.01.

Accuracy improvement: 0.02 MeV

Axial asymmetry (4 \rightarrow 5)

Results in correct gs assignments in SHE regions, and mass improvements.

Accuracy improvement: 0.01 MeV

***L* variation** (5 \rightarrow 7)

Accuracy improvement 0.02 MeV